CERTIFICATE OF ANALYSIS

(Certificate No. KMS024011-02)

Release Date: 25/02/2026 **Re-test Date:** 24/02/2029

Salmeterol EP Impurity F

Identification

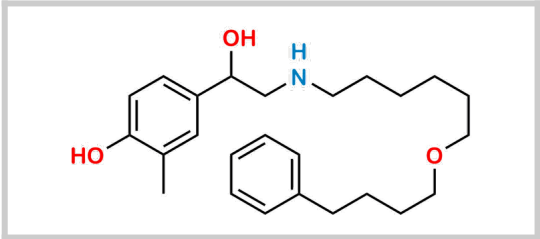
Chemical Name :
(1RS)-4-(1-Hydroxy-2-((6-(4-phenylbutoxy)hexyl)amino)ethyl)-2-methylphenol

CAT No. : KMS024011

CAS No. : 1391054-40-2

Molecular Formula : C25H37NO3

Molecular Weight : 399.6



Analytical Information

Batch No.	: S024011-114-179	**Solubility**	: ACN
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 99.63 %	**IR**	: Confirm
Weight Loss By TGA	: 0.50 %	**1H NMR**	: Confirm
% Potency	: 99.13 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.50(Weight Loss By TGA)] x [99.63(HPLC Purity)]/100 = 99.13 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		26/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		26/02/2026

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA